

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Multiple sheets used when necessary)

SHEET 1 OF 1

Application No.	10/568,227
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Filing Date	May 17, 2006
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First Named Inventor	Vivian Alberts
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Art Unit

Examiner	Singal, Ankush K.
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Attorney Docket No.	DMKISCH.002APC
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## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number <i>Number - Kind Code (if known)</i> Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T <sup>1</sup>

### NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>1</sup>
	1	V. Alberts, J. H. Schön, and E. Bucher, <i>Journal of Appl. Phys.</i> , 84(12), 1998, 6881-6885, "Improved material properties of polycrystalline CuInSe <sub>2</sub> prepared by rapid thermal treatment of metallic alloys in H <sub>2</sub> Se/Ar."	
	2	J. Palm, V. Probst, W. Stetter et al., <i>Thin Solid Films</i> , 451-452 (2004) 544-551, "CISSE thin film PV modules: from fundamental investigations to advanced performance and stability."	
	3	M. Marudachalam, H. Hichri, R. Klenk, R.W. Birkmire, W.N. Schafman and J. M. Schultz, <i>Appl. Phys. Lett.</i> 67(26), 1995, 3978, "Preparation of homogeneous Cu(InGa)Se <sub>2</sub> films by selenization of metal precursors in H <sub>2</sub> Se atmosphere."	
	4	K. Kushiya, M. Tachiyuki, T. Kase, I. Sugiyama, Y. Nagoya, D. Okumura, M. Satoh, O. Yamase and H. Takeshita Sol. Energy Mater. Sol. Cells 49, 1997, 277, "Fabrication of graded band-gap Cu(InGa)Se <sub>2</sub> thin-film mini-modules with a Zn(O,S,OH) <sub>x</sub> buffer layer."	
	5	I. M. Kötschau, H. Kerber, H. Wiesner, G. Hanna and H. W. Schock, Proceedings of the 16 <sup>th</sup> European Photovoltaic Solar Energy Conference, 1-5 May 2000, Glasgow, UK, pp. 724-727, "Band Gap Grading in Cu(In,Ga)(S,Se) <sub>2</sub> - based solar cells."	
	6	R. Gay, M. Dietrich, C. Fredric, C. Jensen, K. Knappm, D. Tarrant and D. Willett, "Efficiency and process improvements in CuInSe <sub>2</sub> -based modules" Proceedings of the international conference on E. C. Photovoltaic Solar Energy, Vol. 12 (1), 1994, 935-938.	
	7	T. Nakada, H. Ohbo, T. Wawtanahe, H. Nakazawa, M. Matsui and A. Kunioka, <i>Solar Energy Materials and Solar Cells</i> 49, 1997, 285, "Improved Cu(In,Ga)(S,Se) <sub>2</sub> thin film solar cells by solar sulfurization."	
	8	A. Gupta and S. Isomura, <i>Sol. Energy Mater. Sol. Cells</i> 53, 1998, 385, "Precursor modification for preparation of CIS films by selenization technique."	

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Examiner Signature /Matthew Reames/

Date Considered 04/09/2009

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

T<sup>1</sup> - Place a check mark in this area where an English language Translation is attached. ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /M.R./